

Renilla Luciferase Protein Sequence

MTSKVYDPEQRKRMITGPQWWARCKQMNVLDSFINYYDSEKHAENAVIFLHGNAAS
SSYLWRHVVPPIEPVARCIIPDLIGMGKSGKSGNGSYRLLDHYKYLTAWFELLNL
PKKIIFVGHWDWGAFLAFHYSYEHQDKIKAIVHAESVVDVIESWDEWPDIEEDIAL
IKSEEGEKMVLNNFFVETMLPSKIMRKLEPEEFAAYLEPFKEKGEVRRPTLSWP
REIPLVKGGKPDVVQIVRNYNAYLRASDDLPKMFIESDPGFFSNAIVEGAKKFPN
TEFVKVKGLHFSQEDAPDEMGKYIKSFVERVLKNEQ

Renilla Luciferase DNA Sequence

atgacttcgaa agtttatgat ccagaacaaa ggaaacggat gataactggt
61 cgcagtggt gggccagatg taaacaaatg aatgttcttg attcatttat taattattat
121 gattcagaaa aacatgcaga aaatgctgtt atttttttac atggtaacgc ggcctcttct
181 tatttatggo gacatgttgt gccacatatt gageccagtag cgcggtgtat tataccagat
241 cttattggta tgggcaaate aggc aaatct ggtaattggt ottatagggt acttgatcat
301 tacaaatata ttactgcatg gtttgaactt ctttaatttac caaagaagat catttttgtc
361 ggccatgatt ggggtgcttg tttggcattt cattatagct atgagcatca agataagatc
421 aaagcaatag ttcacgctga aagtgtagta gatgtgattg aatcatggga tgaatggcct
481 gatattgaag aagatattgc gttgatcaaa tctgaagaag gagaaaaaat ggttttggag
541 aataacttct tcgtggaaac catgttgcca tcaaaaatca tgagaaagt agaaccagaa
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661 tcatggcctc gtgaaatccc gttagtaaaa ggtggtaaac ctgaactgtt acaaattgtt
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781 gatccaggat tctttccaa tgctattgtt gaaggcgcca agaagtttcc taatactgaa
841 tttgtcaaaag taaaaggctc tcatttttct caagaagatg cacctgatga aatgggaaaa
901 tatatcaaat cgttcgttga gcgagttctc aaaaatgaac aataa

pcDNA3 Sequence

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GGCAAGGCTTGACCGACAATTGCATGAAGAATCTGCTTAGGGTTAGGCGTTTTCGCTGCTTCGCGATGTAC
GGGCCAGATATACGCGTTGACATTGATTATTGACTAGTTATTAATAGTAATCAATTACGGGGTCATTAGTTC
ATAGCCCATATATGGAGTTCGCGCTTACATAACTTACGGTAAATGGCCCGCTGGCTGACCGCCCAACGACC
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FIGURE 1A

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FIGURE 1B

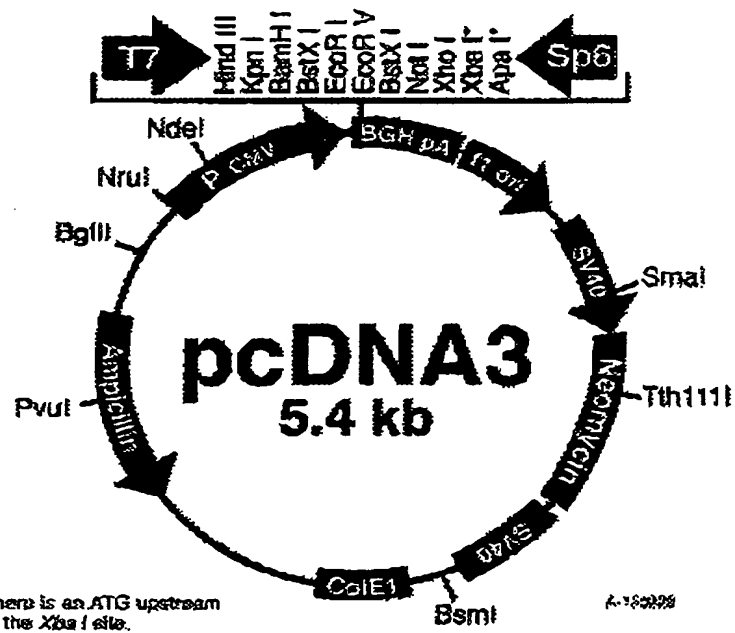


FIGURE 1C

Cell Proliferation Assay

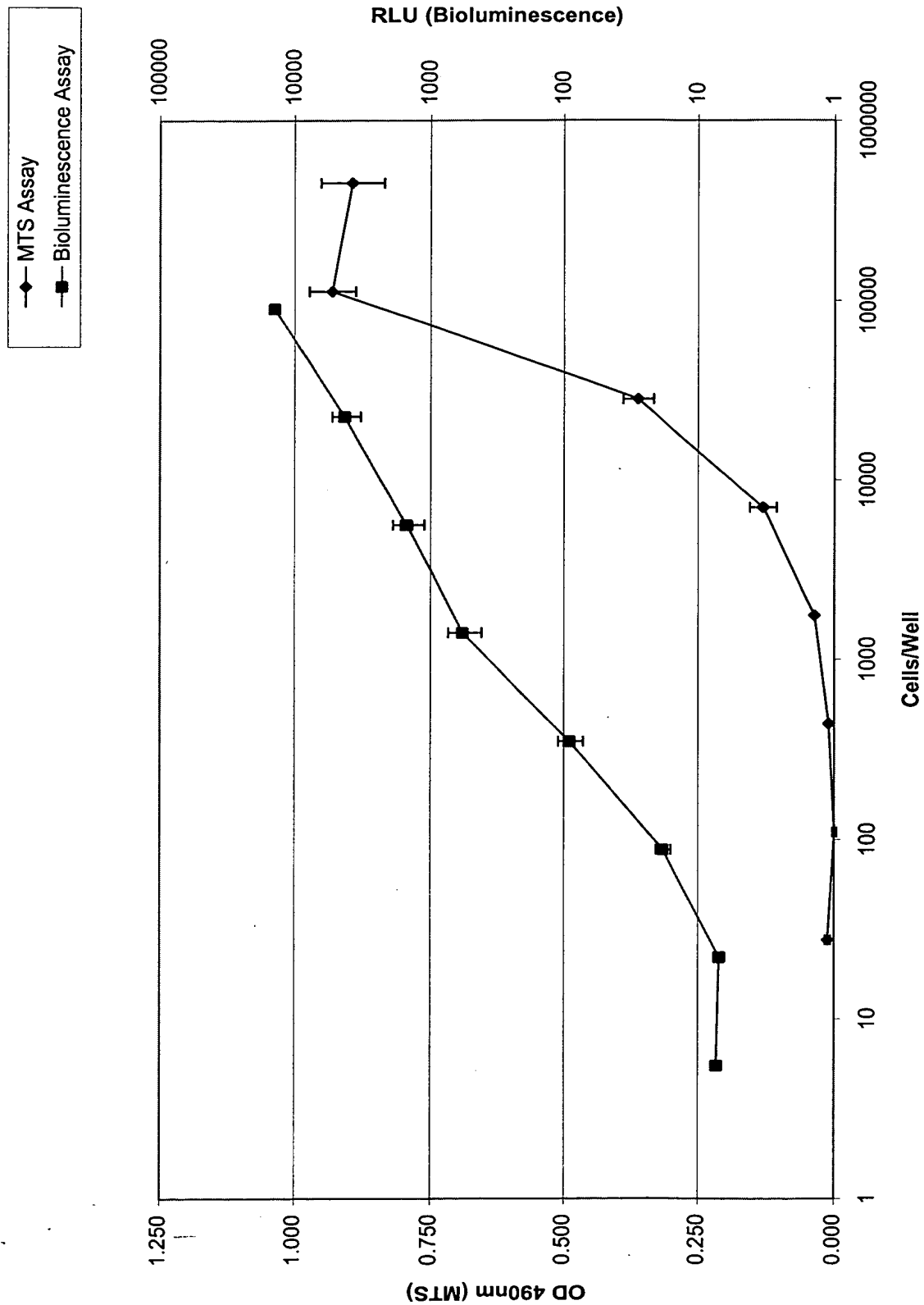


FIGURE 2

HRL 2G6 Cell Proliferation Assay

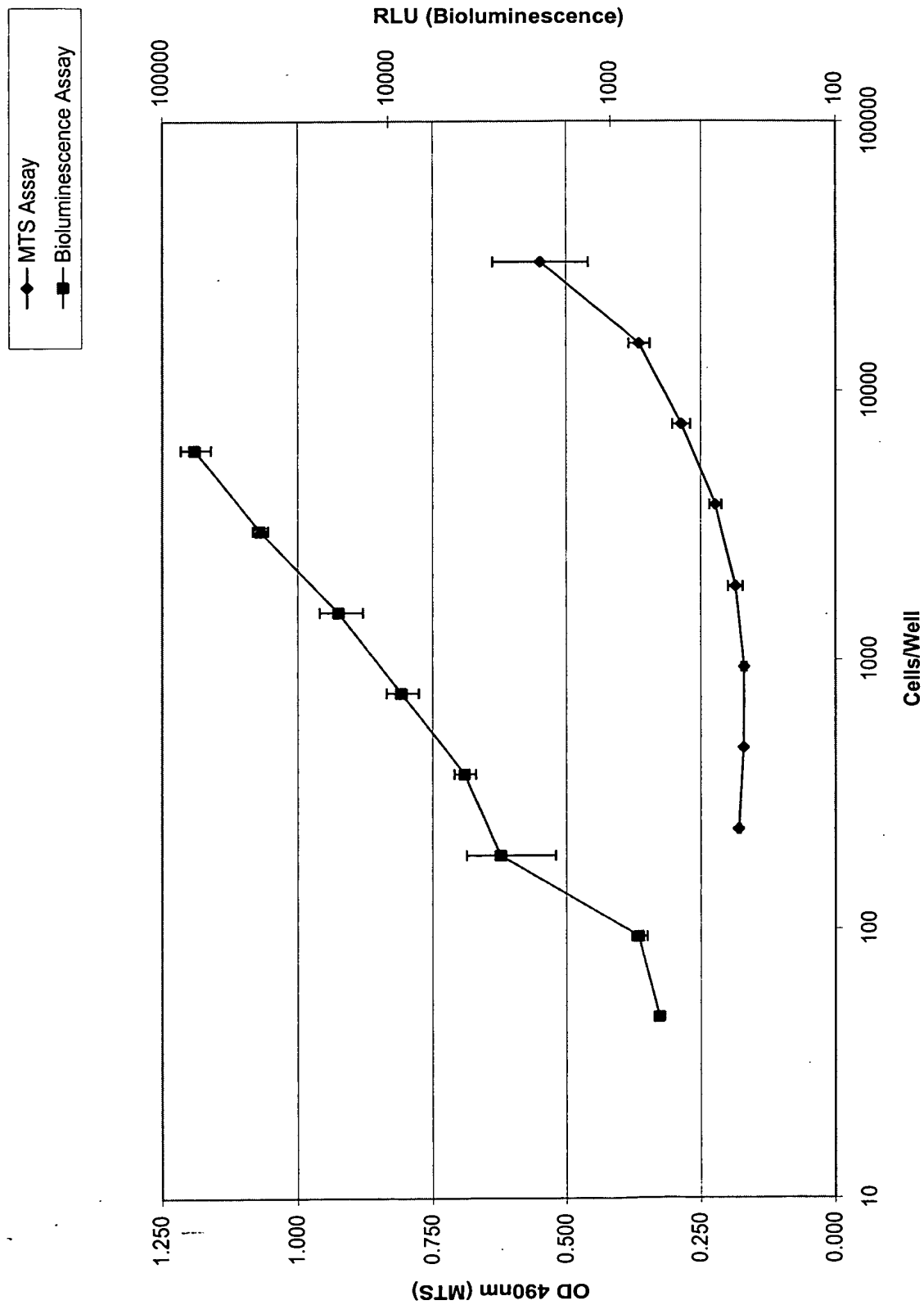


FIGURE 3